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(54) Title: IMPROVED POLYMER MODIFIED BITUMINOUS BINDER WITH LOW EMISSIONS

(57) Abstract: The invention relates to a bituminous binder composition comprising: (a) 60 - 99.75 wt.% bitumen; (b) 0.05 - 5.0 wt.% of an elastomer; (c) 0.1 - 30.0 wt.% of a mono-alkyl ester of a vegetable oil or an animal oil; and (d) 0.1 - 5.0 of an amide additive; based on the total weight of the bituminous binder composition, and a process for preparing the bituminous binder composition. The invention further relates to the use of the bituminous binder composition in surface dressing, in particular road construction, road renovation, joint filling and sealing purposes.



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